

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

|  |    |                        |         |
|--|----|------------------------|---------|
| Substitute for form 1449/PTO                         |    |                        |         |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> |    |                        |         |
| <i>(Use as many sheets as necessary)</i>             |    |                        |         |
| Sheet  | of | Attorney Docket Number | AR - 12 |

**NON PATENT LITERATURE DOCUMENTS**

|                    |                       |   |                |
|--------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                    |                       | SOMEREN, MAARTEN, VERDENEUS, FLOOR: "Introducing inductive methods in knowledge acquisition by divide- and- conquer", 1998, pages 20 - 28, AAAI, USA  |                |
|                    |                       | GEMAN, STUART, BIENENSTOCK, ELIE: "Neural networks and the bias/variance dilemma", 1992, Neural Computation, pages 1 - 58, MIT, USA   |                |
|                    |                       | SCHUURMANS, DALE: "A new metric based approach to model selection", 1997, pages 1 - 7, AAAI National Conference Proceedings, AAAI, USA  |                |
|                    |                       | KOHAVI, RON, "Wrappers for feature subset selection", 1997, Artificial Intelligence, pages 273 - 324, Elsevier, Holland   |                |
|                    |                       | MICHALSKI, RYZARD, "A theory and methodology of inductive learning", 1982, pages 111 - 161, Tioga Publishing, USA   |                |
|                    |                       | MITCHELL, TOM, "Machine Learning", 1997, pages 1 - 414, McGraw Hill, USA  |                |
|                    |                       | PIRAMUTHU, SELWYN, et al. "Using Feature Construction to Improve the Performance of Neural Networks", 1998, pages 416 - 430, Management Science, USA  |                |
|                    |                       | KOHAVI, RON: "Wrappers for performance enhancement and oblivious decision graphs", 1995, pages 1 - 302, Stanford University, USA  |                |
|                    |                       | KIRA, KENJI, RENDELL, LARRY, "The feature selection problem, traditional methods and a new algorithm", 1992, pages 129 - 134, Learning Inductive, AAAI, USA   |                |
|                    |                       | JORDAN, MICHAEL, JACOBS, ROBERT, "Hierarchical Mixtures of Experts and the EM Algorithm", 1993, pages 1 - 30, MIT, USA  |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.